

Product datasheet for **RN215519**

Srek1 (NM_020092) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Srek1 (NM_020092) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Srek1
Synonyms:	Sfrs12; Srrp86; Srsf12
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN215519 representing NM_020092
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGACAAGCCTGGTGCCTGGTGCAGGGCTGCTTCCATACCAACCTCCAGTCCACTGACGGCAGTGA
 GTCTTGCGTTTTCACTTAGCAGTTTGGGAGCCATACCGGACGAGCACTGGACCCAAACATCACAGCACT
 TGGAGAGATACCCAGCCACCCTTATGGGAAATGTGGATCCTTCTAAAATTGACGAGATTAGGAGAACA
 GTTTATGTTGAAATTTGAATTCACAGACAACGACAGCTGATCAACTACTTGAATTTTTTAAACAAGTTG
 GAGAAGTGAAGTTTGTTCGGATGCGAGGTGATGAGACTCAGCCAACTCGTTCGTTTTGTGGAATTTGC
 AGACCAAATTCGTACCAAGGGCCCTTGCTTTTAAATGGAGTTATGTTTGGAGACAGGCCGCTGAAAATA
 AATCACTCCAACAATGCAATAGTAAACCTCCTGAGATGACACCTCAGGCTGCAGCTAAGGAGTTAGAAG
 AAGTAATGAAGCGAGTGGGGAGGCTCAGTCATTTATCTCAGCAGCCATTGAACCAGAGTCTGAAAAGAG
 CAATGAAAGGAAAGGCGGTGATCTCGTCCCACACTCGCTCAAAGTCCAGGTCTAGCTCAAAGTCCCAT
 TCTAGAAGGAAGAGATCGCAGTCAAAGCACAGGAGTAGATCCCATAACAGGTCACGTTCAAGACAGAAAAG
 ATAGAGCTAGATCCAAGAGCCCACATAAGAAACGCTCTAAGTCTAGGGAGAGGCGGAAGTCAAGGAGCCG
 GTCGCGGTACGGGACAAGAGAAAAGATACCCGGGAAAAGGTGAAGGAAAGAGTGAAGGAGAGAGAAAAGG
 GAAAAGGAAAAGGAAAAGGAAAAGGAGCGTGAAAAGACAAGGAACGGGGTAAAAACAAAGATAAAGACC
 GTGAGAAGGAAAAGGACCATGAAAAGGAGCGAGACAAAAGAAAAGGAGAAGGAACAAGATAAAGACAAGGA
 ACGGGAAAAGACAGATCCAAGAGGCAGATGAAAACGGAAGAAGGAGAAGAAGTCTAGAACCACCGCCC
 CGAAGCTACAATTCCTCAAGACGATCCCGTAGTGCCAGCAGGGAAAGGCGGAGGAGGAGAAGCAGGAGTT
 CTTCTAGATCGCCAAGAACATCAAAGACCATAAAAAGAAAGTCTTCTAGGTCTCCGTCCTCCAGGGGCCG
 GAATAAGAAAAGAGAAAAGAGAGAGAAAAGAACGGGACCACATCAGTGACAGGAGAGAAAAGAGAGCGTTCC
 ACCTCCACAAAAAGAGTTCTAGTGACCGAGACGGGAAGGAGAAGGTGGAGAAGACTAACACACCCAGTTA
 AGGAGAAGGAACACAGTAAAGAGGCAGATTCAACTGTGAGCACCGATGCGGATGAGAAGGACACTGCCAG
 GACTGAGGAGGAAAGTAAAGCACAGCACAATGGGAATTGCCAGCCCCACGAAGAGCGCCTGTGCAGCAGC
 GCCGACGCTGT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_020092
- Insert Size:** 1485 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- Components:** The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_020092.1](#), [NP_064477.1](#)

RefSeq Size: 1485 bp

RefSeq ORF: 1485 bp

Locus ID: 56763

UniProt ID: [Q9JKL7](#)

Cytogenetics: 2q12

Gene Summary: comprises of a single amino-terminal RNA recognition motif and two carboxy-terminal domains rich in serine-arginine (SR) dipeptides [RGD, Feb 2006]